



# Marine Life Protection Act

## Update

### **Monterey Bay National Marine Sanctuary Advisory Council Meeting**

October 18, 2012

Cambria, CA

Christine Pattison

California Department of Fish and Game



# Overview



## Statewide Update

- ✧ MPA Outreach & Education

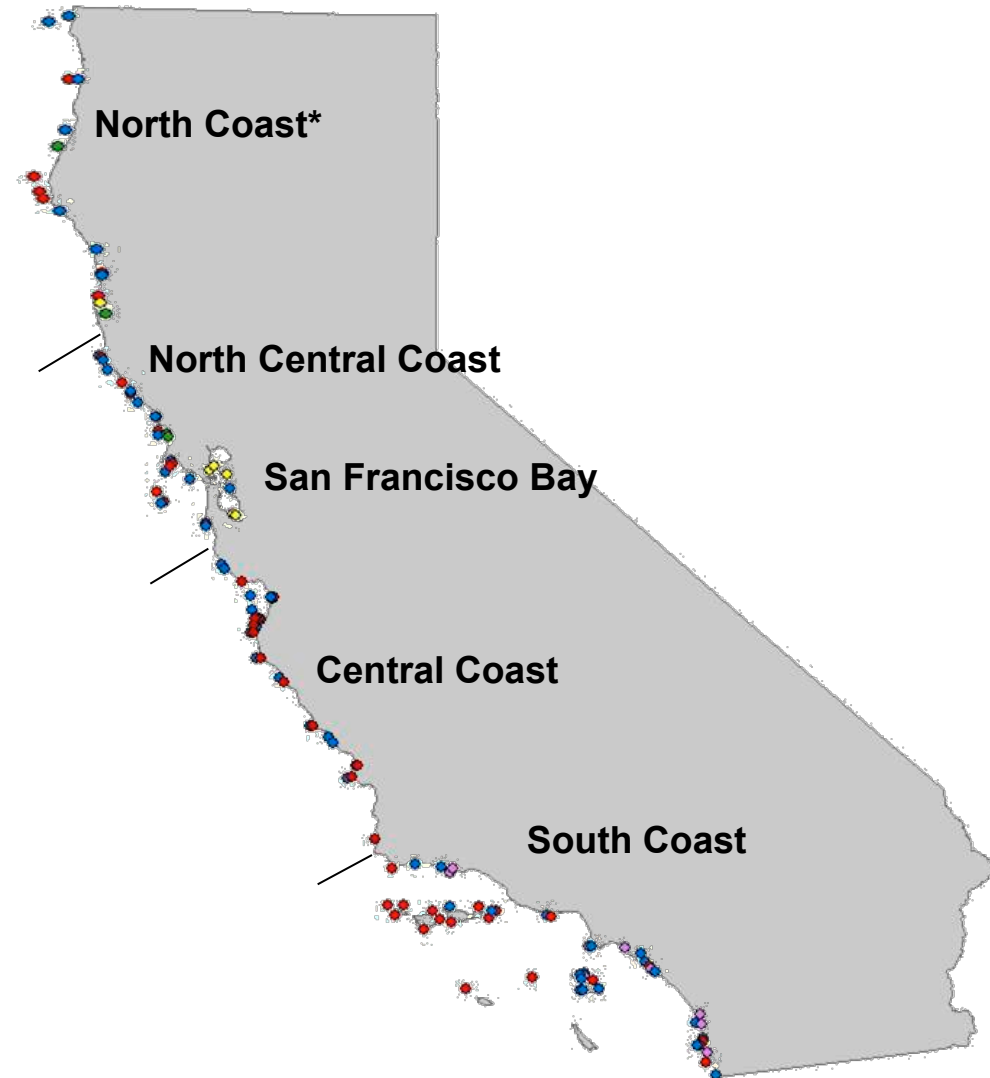
- ✧ Monitoring



## Central Coast Symposium




## Scientific Collecting in MPAs





# Outreach and Education

-  Informing the Public
  - ✧ Website - old & new





# Outreach and Education

 Informing the Public

✧ Regional MPA  
guides





# Outreach and Education

 Informing the Public

✧ Partner Outreach Materials

 Creating an Inventory

✧ Department name change





# Outreach and Education



## Partnership updates:

- ✧ MPA Watch - DFG Partnerships Workgroup
- ✧ Monterey Bay Sanctuary Foundation - MOU pending



## DFG Marine Region:

### ***New MPA Outreach Coordination Project***

- ✧ Outreach product review
- ✧ Partnership coordination
- ✧ Outreach product development



## Under Development:

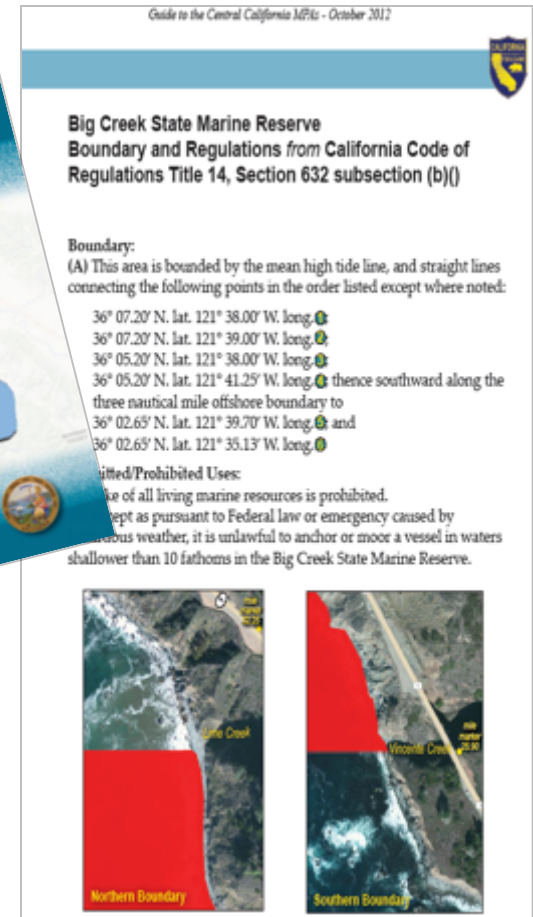
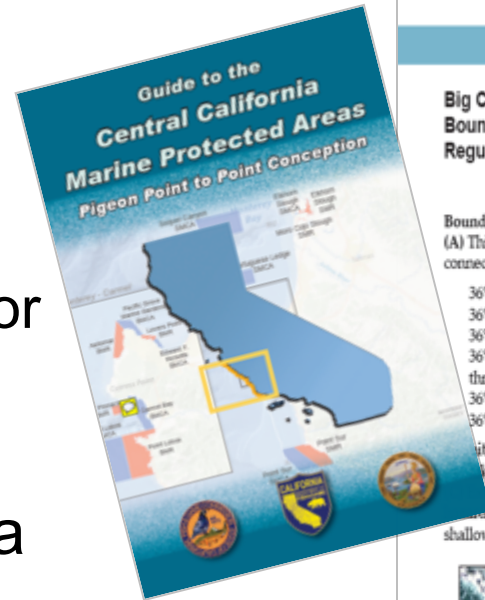
- ✧ Partnership guide
- ✧ Long-term statewide strategy







# Central Coast Outreach Update



## DRAFT Guide to SAC

- ✧ Please provide suggestions for improvements of landmark locations & descriptions.

## Guide to the Central California MPAs - revised & updated

- ✧ Satellite imagery replaces nautical chart
- ✧ Shoreline boundary images added
- ✧ Landmarks displayed

**\* New images:**

boundaries & landmarks



# Central Coast Outreach Update

Guide to the Central California MPAs - October 2012

Guide to the Central California MPAs - October 2012

## Data Updates & Improvements

- Improved mapping technology:

Scale in 2005:  
**1:24,000**

Scale in 2012:  
**1:1,000**

- “Mean high tide line” more accurately mapped for coastal shoreline and estuary boundaries
- Boundaries **not** changed; just more accurately imaged



Big Creek State Marine Reserve  
Boundary and Regulations from California Code of Regulations Title 14, Section 632 subsection (b)(1)

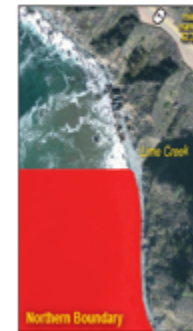
### Boundary:

(A) This area is bounded by the mean high tide line, and straight lines connecting the following points in the order listed except where noted:

- 36° 07.20' N. lat. 121° 38.00' W. long.
- 36° 07.20' N. lat. 121° 39.00' W. long.
- 36° 05.20' N. lat. 121° 38.00' W. long.
- 36° 05.20' N. lat. 121° 41.25' W. long. thence southward along the three nautical mile offshore boundary to
- 36° 02.65' N. lat. 121° 39.70' W. long. and
- 36° 02.65' N. lat. 121° 35.13' W. long.

### Permitted/Prohibited Uses:

- (B) Take of all living marine resources is prohibited.
- (C) Except as pursuant to Federal law or emergency caused by hazardous weather, it is unlawful to anchor or moor a vessel in waters shallower than 10 fathoms in the Big Creek State Marine Reserve.







# Cambria MPA Dual Designation

Cambria MPA has two overlapping MPA designations:

- State Marine Conservation Area in 2007 by the Fish and Game Commission; *and*
- State Marine Park in 2010 by the California State Park and Recreation Commission
- Consistency on maps is needed to display both designations.

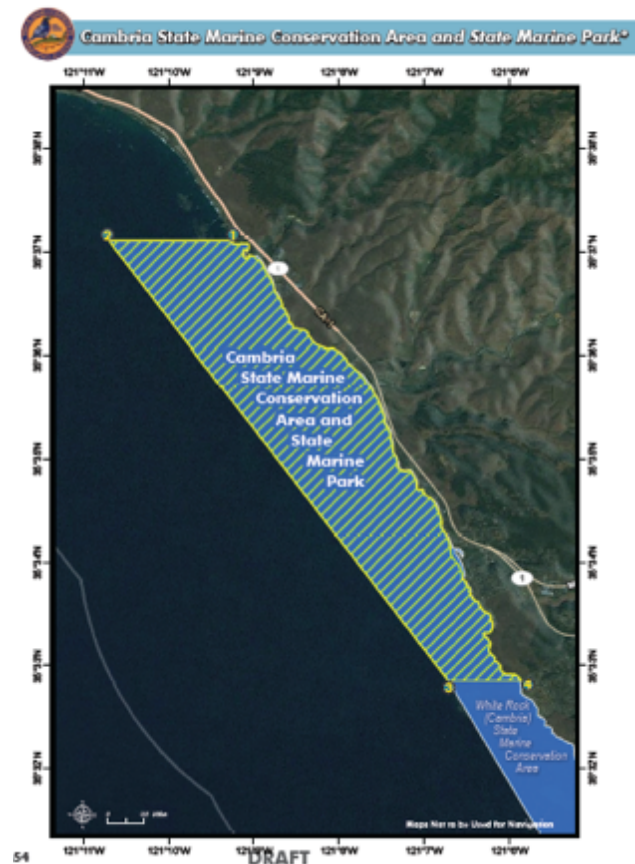
Version - Draft Guide:

*Guide to the Central California MPAs - October 2012*



Proposed display:

*Guide to the Central California MPAs - October 2012*

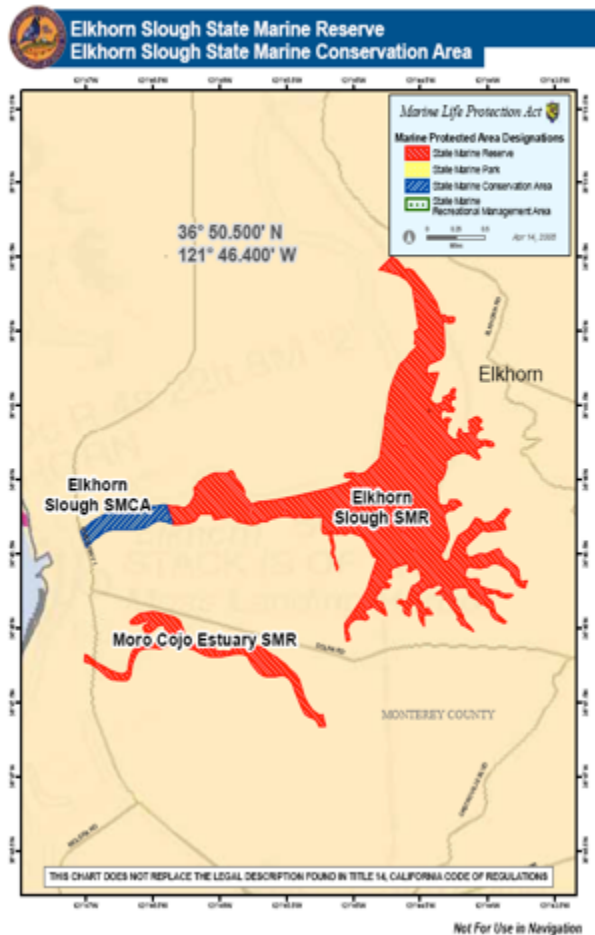




# Elkhorn Slough Improved Mapping

## Old Version

Guide to the Central California MBAs - April 2012



## New Version

Guide to the Central California MBAs - October 2012

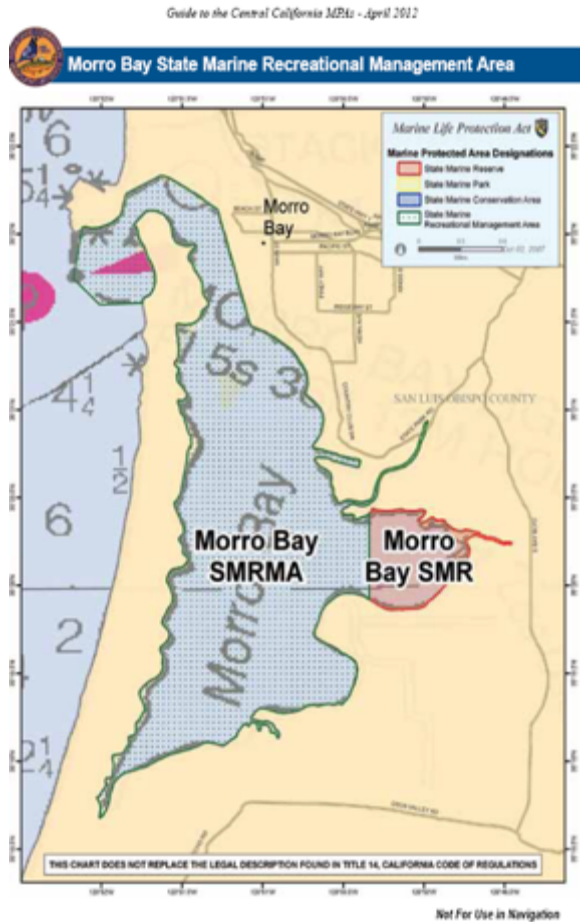




# Morro Bay Improved Mapping

Old Version

New Version







# MPA Monitoring - Update



## Monitoring Plans - Ecosystem focus

- ✧ Central Coast - Monitoring results to be released in 2013
- ✧ North Central Coast - baseline near completion
- ✧ South Coast - Collecting data
- ✧ North Coast - Planning in progress; Request for Proposal expected in early 2013
- ✧ Statewide Plan – To be determined

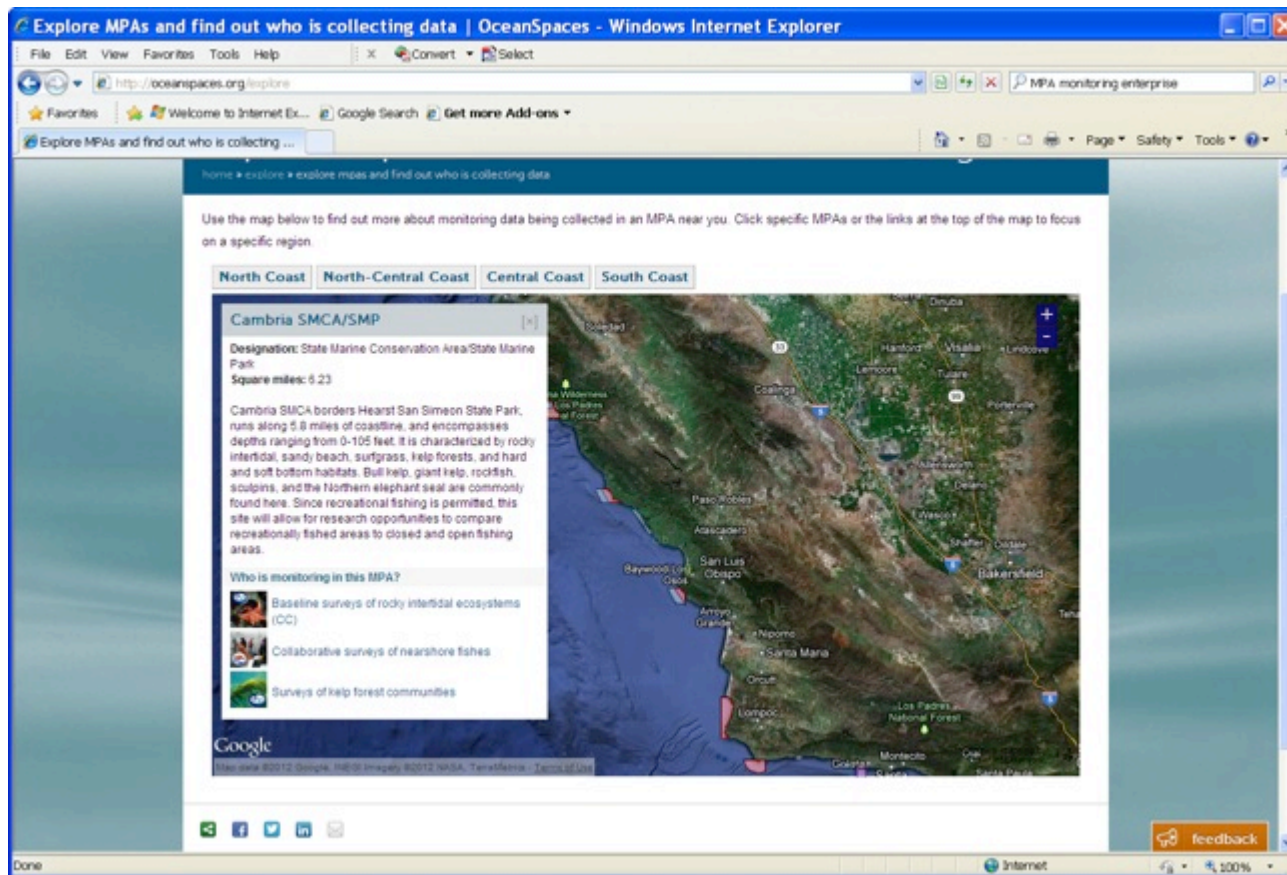




# MPA Monitoring - Online



New MPA monitoring site:








# Central Coast MPA Symposium

 5 year anniversary: 2007-2012

 “State of California Central Coast” symposium Feb 28 - Mar 1, 2013 in Monterey

✧ Submitted abstracts under review

 Fish and Game Commission to consider results at Fall 2013 meeting





✧ DFG will present symposium results and possible next steps for MPA management

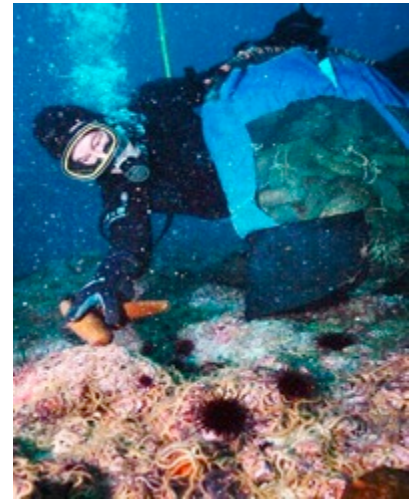
 Monitoring Plan to be updated





# Scientific Collecting in MPAs: How much is too much?

-  DFG is working with Ocean Science Trust's Science Advisory Team
  - ✧ Developing a Risk Assessment Tool to evaluate:
    -  Ecological risk of scientific take in a MPA
    -  Cumulative effects from research, educational, and/or restoration projects in a MPA
-  DFG will use this tool to help make decisions on issuing Scientific Collecting Permits in individual MPAs



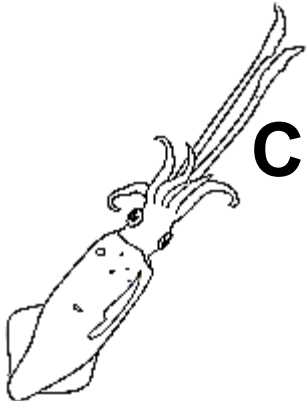


# Contact Information

**[www.dfg.ca.gov/MLPA](http://www.dfg.ca.gov/MLPA)**

**for maps, guides, MarineBIOS, MPA Mobile  
or**

**Email: [MLPAComments@dfg.ca.gov](mailto:MLPAComments@dfg.ca.gov)**



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